Flight

WEP-8

Mission

Introduce Target Mechanics and Practice OTR

WEP-8

Flight Brief

- **QOD**
  - NATOPS
  - EP
  - SOP

- **Formation safety**
- **Mil settings**
- **Master arm safety**
- **Inadvertant weapons release**

WEP-8

Flight Brief

- **Introduce**
  - **Weapons preflight**
  - **Mach run**
  - **Hung ordnance checks**
- **Practice**
  - **Target procedures**
  - **Armament system management**
  - **30-degree bombs**
  - **20-degree pattern**
  - **Abeam**
  - **Roll-in**
  - **Tracking/dive angle**
  - **Error corrections**
  - **Release/firing parameters**
  - **Dive recovery**
  - **Pattern interval**
  - **Communications**
  - **Rendezvous**
  - **Hung ordnance approach**
  - **Landings**

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Notes

Note 4: Two off-target rendezvous are required prior to completion of WEP-10X.

Note 6: One hung ordnance approach is required prior to WEP-10X.

Note 7: Students must fly at least seven off-target rendezvous during weapons syllabus.

Note 10: A minimum of four bombs delivered is required to complete each flight.

Note 11: Delivery of ordnance is required to complete a weapons flight. The primary pattern intended to be introduced is indicated, for example, by "30-degree bomb," while the secondary patterns to be introduced but not required for delivery are indicated, for example by "30-degree pattern."

Note 12: Students must fly 30-degree, 20-degree, and 10-degree patterns prior to completion of WEP-10X. All bombs should be dropped from the highest pattern available.

Note 14: 30-degree bombs must be dropped on at least four flights. The highest pattern required shall be flown in order to meet individual curriculum requirements within the flight.

WEP-8

ORM

- **Operational Requirements / Limitations**
  - **Crew Rest / Crew Day / Work Week**
  - **R&I**
  - **IP Currency (SOP)**
  - **Warm Up Eligibility**
  - **Previous Flight Incomplete? Determine Graded Items.**
- **Human Factors**
  - **Life Stressors / External Factors / Personal Problems**
  - **Medical Status (Rest / Nourishment / Hydration)**
- **Hazards and Controls**
  - **Routine**
  - **Weather**
    - **Current Observations and Forecasts**
    - **Crosswinds**
    - **Fuel Considerations**
  - **Mission Specific**

WEP-8

TTO

- **Who will call a TTO?**
- **What situations will the TTO be called?**
  - **Safety**
  - **Confusion / Misunderstanding**
- **IP Responsibilities**
  - **Recognize need for TTO**
  - **Explanation / Instruction as necessary**
  - **Documentation on ATF**
- **When and how will training resume?**

WEP-8

ADMIN

- A/C - ATC C/S - Tactical C/S - Crew
- TIMES (Brief / Walk / Marshal / Takeoff / Land)
- ATC Clearance / IFF
- Area
- NUMBERS (Line / T/O / Abort / RPM)
- Comm Plan – Primary/ Tac
- Nav Plan
- LCLS
- Joker / Bingo

WEP-8

ADMIN

Launch

- Weather / NOTAMS / TFR / BASH
- Preflight / Start / Marshal / Taxi
- RadAlt Usage

Recovery

- Hung ordnance approach
- Division break

Emergencies/Contingencies

WEP-8

Ground Emergencies

WX / Timing no-go

Fallout plan / Aborts / Ground ejection

Single Radio / NORDO / ICS Failure

System Failures

Lame Duck / Rejoin plan

Lost Sight / Lost Interval

SIMO run

Tactical Abort criteria:

1. Break X in
2. LAW angle
3. SIMO run "abort"
5. +/- 15° off run
6. +/- 5° dive
7. Called

TGT fixation

Overstress / Low pullout

Control problems in dive

Ejection / Min ejection altitudes:

- 30° dive: 650 AGL
- 20° dive: 450 AGL
- 10° dive: 200 AGL

Loss of NAVAIDS

UNDERRUN

Birdstrike / Midair

Ejection

SAR procedures

ORM / TTO